

Converting Colors

$Y_{xy}(75.4725, 0.3147, 0.3015)$

Have a look what the booklet for
Yxy(75.4725, 0.3147, 0.3015)
contains.

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Color

Yxy(75.5698, 0.3147, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	F5D9F4
RGB	245, 217, 244
RGB Percent	96%, 85%, 96%
CMY	0.0392, 0.1490, 0.0431
CMYK	0.00, 0.11, 0.00, 0.04
HSL	302°, 58%, 91%
HSV	302°, 11%, 96%
XYZ	78.7999, 75.5698, 96.0272
YIQ	228.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

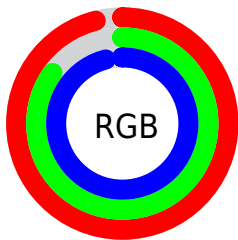
Format	Color
R _Y B	245, 217, 244
Decimal	16112116
CIE Lab	89.66, 14.29, -9.63
CIE LCh	90, 17.226, 326.027
Yxy	75.5698, 0.3147, 0.3018
Android (android.graphics.Color)	4294302196 (0xFFFF5D9F4)
YUV	228.4500, 7.6662, 14.5144
Hunter-Lab	86.9309, 9.6752, -4.6424

Details

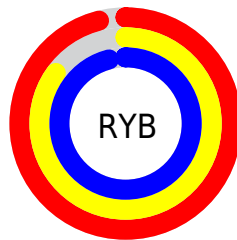
The Yxy color **75.5698, 0.3147, 0.3018** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.1219, 0.3107, 0.3578**, and the grayscale version is **77.8707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2903, 0.3152, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **63.8133, 0.3166, 0.2774**, and if you desaturate by 10%, it is **89.2080, 0.3130, 0.3257**.

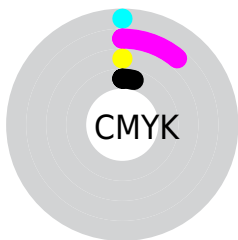
Distribution



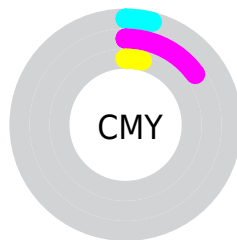
- Red (96%)
- Green (85%)
- Blue (96%)



- Red (96%)
- Yellow (85%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5698, 0.3147, 0.3018 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 75.5698, 0.3147, 0.3018 by changing the saturation by 10% instead.

 75.5698, 0.3147,
0.3018

 75.5698, 0.3147,
0.3018

479.8738, 0.3139,
0.3140

 56.0798, 0.3149,
0.2991

127.1186, 0.3144,
0.3060

 40.2669, 0.3150,
0.2958


159.9462, 0.3143,
0.3076

 27.7467, 0.3152,
0.2916


197.9885, 0.3143,
0.3090

 18.1348, 0.3155,
0.2863

241.6299, 0.3142,
0.3103

 11.0468, 0.3157,
0.2793

291.2547, 0.3141,
0.3114

 6.0983, 0.3160,
0.2694

347.2473, 0.3140,

 2.9050, 0.3161,

0.3124

0.2548

409.9922, 0.3140,
0.3133

■ 1.0823, 0.3157,
0.2307

■ 0.0000, 0.3312,
0.0000

■ 75.5698, 0.3147,
0.3018

■ 75.5698, 0.3147,
0.3018

■ 63.8133, 0.3166,
0.2774

■ 89.2080, 0.3130,
0.3257

■ 53.8464, 0.3186,
0.2533

■ 97.5719, 0.3118,
0.3380

■ 45.5839, 0.3206,
0.2302

■ 97.6255, 0.3113,
0.3372

■ 38.9298, 0.3226,
0.2091

■ 97.6793, 0.3108,
0.3363

33.7788, 0.3245,
0.1910

97.7334, 0.3103,
0.3354

30.0128, 0.3263,
0.1768

97.7877, 0.3098,
0.3346

27.4963, 0.3279,
0.1668

97.8423, 0.3093,
0.3337

26.0663, 0.3292,
0.1612

97.8971, 0.3088,
0.3329

25.4864, 0.3302,
0.1592

97.9522, 0.3084,
0.3320

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5698, 0.2946, 0.2951



75.5698, 0.3147, 0.3018



75.5698, 0.3348, 0.3152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5698, 0.3147, 0.3018



75.5698, 0.3462, 0.3614



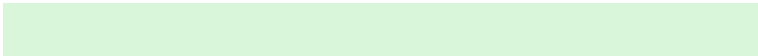
75.5698, 0.2776, 0.3240

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.5698, 0.3147, 0.3018



85.1219, 0.3107, 0.3578

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5698, 0.2906, 0.3431



75.5698, 0.3147, 0.3018



75.5698, 0.3301, 0.3652

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



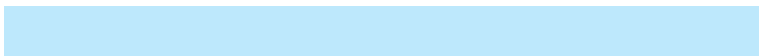
75.5698, 0.3147, 0.3018



75.5698, 0.3533, 0.3491



75.5698, 0.3097, 0.3586



75.5698, 0.2737, 0.3070

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5698, 0.3147, 0.3018



75.5698, 0.3453, 0.3264



75.5698, 0.3097, 0.3586



75.5698, 0.2810, 0.3304

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.5731, 0.3147, 0.3018



95.1983, 0.3132, 0.3220



71.1161, 0.2953, 0.2992



20.1086, 0.3134, 0.3201



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5731, 0.3147, 0.3018



79.2182, 0.3152, 0.2955



74.7580, 0.3241, 0.3157



16.7575, 0.3143, 0.3065



13.7341, 0.3300, 0.1592



1.2102, 0.3288, 0.1585

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.5731, 0.3147, 0.3018



79.2182, 0.3152, 0.2955



85.8826, 0.3026, 0.3427



16.7575, 0.3143, 0.3065



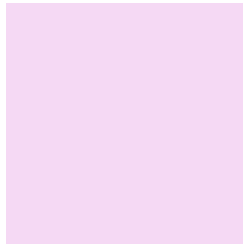
13.7341, 0.3300, 0.1592



1.2102, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 75.5698, 0.3147, 0.3018 looks on a white background.

Color Contrast Check

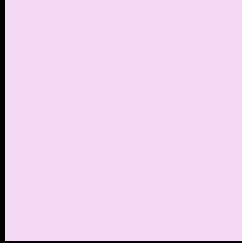
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 75.5698, 0.3147, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

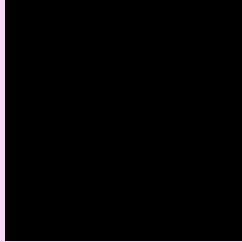
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

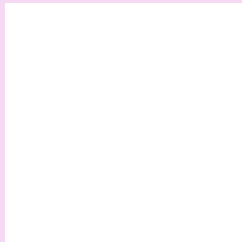
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5698, 0.3147, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 75.5698, 0.3147, 0.3018.



This preview shows how white text looks on a background with the Yxy color 75.5698, 0.3147, 0.3018.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.5698, 0.3147, 0.3018

Protanopia

75.7766, 0.2969, 0.3039

Deuteranopia

75.5454, 0.3104, 0.3035



Tritanopia

75.4320, 0.3193, 0.3107

Trichromacy



Original Color

75.5698, 0.3147, 0.3018

Protanomaly

75.4172, 0.3029, 0.3022

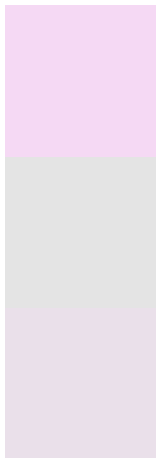
Deuteranomaly

75.3752, 0.3118, 0.3026

Tritanomaly

75.6079, 0.3173, 0.3077

Monochromacy



Original Color

75.5698, 0.3147, 0.3018

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7442, 0.3132, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5698, 0.3147, 0.3018 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 217, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.5698, 0.3147, 0.3018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 217, 244) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 217, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 217, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5698, 0.3147, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
217, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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